

**IN THE CLAIM**

No claim has been amended.

1       1. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2       process comprising the steps of:

3               providing a sample to be analyzed;

4               amplifying predetermined genomic DNA of an *Alu* element subfamily by using primers,  
5       said *Alu* element subfamily being more enriched in the human genome than in any non-human  
6       primate genome, the amplification being intra-*Alu* polymerase chain reaction amplification; and

7               measuring the amount of the human DNA by comparing the amplified DNA with a  
8       reference to quantitate the human DNA in the sample.

1       2. (Canceled)

1       3. (Canceled)

1       4. (Canceled)

1       5. (Previously Presented) The process of claim 1, wherein the amplification is a  
2       polymerase chain reaction with the primers containing the following sequences:

3               5' CGAGGCGGGTGGATCATGAGGT 3'(SEQ ID NO: 3)

4 and

5 5' TCTGTCGCCAGGCCGGACT 3' (SEQ ID NO: 4).

1 6. (Previously Presented) The process of claim 1, wherein the amplification is a  
2 polymerase chain reaction with the primers containing the following sequences:

3 5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

4 and

5 5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

1 7. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA on an agarose gel stained with  
3 ethidium bromide.

1 8. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA by using a qPCR system.

1 9. (Previously Presented) The process of claim 1, wherein the measurement step  
2 comprises the step of measuring the amount of the human DNA by using *TaqMan* chemistry.

1 Claims 10-20. (Canceled)

1           21. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2       process comprising the steps of:

3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA containing an *Alu* element by using primers,  
5        said *Alu* element being present only in the human genome, the amplification being intra-*Alu*  
6        polymerase chain reaction amplification; and

7           measuring the amount of the human DNA by comparing the amplified DNA with a  
8        reference.

1           22. (Previously Presented) A process for quantitating a human DNA in a sample, said  
2       process comprising the steps of:

3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA of an *Alu* element subfamily by using primers,  
5        said predetermined genomic DNA including subfamily-specific diagnostic mutations, a copy  
6        number of said predetermined genomic DNA in the human genome being higher than a copy  
7        number of said predetermined genomic DNA in any non-human primate genome, the  
8        amplification being intra-*Alu* polymerase chain reaction amplification; and

9           measuring the amount of the human DNA by comparing the amplified DNA with a  
10      reference.

1        23. (Previously Presented) The process of claim 1, wherein each of said primers includes  
2        a subfamily-specific diagnostic mutation.

1        24. (Previously Presented) The process of claim 21, wherein each of said primers  
2        includes a subfamily-specific diagnostic mutation.